IN THE CLAIMS:

Claim 1 (currently amended): An integrated contact, comprising:

an arc proof component;

a conductive component;

a magnetic field generating component, having a top and a bottom and a through hole extending from the top to the bottom; and

a container having a center, ~~and~~ a top, and a cylindrical inner sidewall, wherein the arc proof component, the conductive component and the magnetic field generating component are set in the container, the magnetic field generating component and the conductive component are mutually combined ~~and set inside of the container~~ to form a cylindrical body which fits the cylindrical inner sidewall of the container, so that the container holds the cylindrical body in position, and the arc proof component is set on top of the combination of the magnetic field generating component and the conductive component; the combination of the magnetic field generating component and the conductive component[[s]] are configured to produces ~~an axial~~ a magnetic field.

Claim 2 (currently amended): The integrated contact, as in claim 1, wherein the magnetic field generating component has a through oblique section from the top to the bottom at a side facing the center of container, with a magnetic path of the magnetic field generating component opened by a break from top to bottom, and the conductive component has ~~having~~ a supporting oblique section, coinciding with the ~~corresponding~~ oblique section of the magnetic field generating component, and when the magnetic field generating component is combined with the conductive component, the oblique section of the magnetic field generating component matches the supporting oblique section of the conductive component.

Claim 3 (canceled)

Claim 4 (currently amended): The integrated contact, as in claim 2, wherein the oblique section of the magnetic field generating component corresponds with the supporting oblique section of the conductive component and the ~~mutual~~ combination of the magnetic field generating component and the conductive component is ~~a non-mean equal~~ an asymmetric division structure.

Claim 5-6 (canceled)

Claim 7 (currently amended): The integrated contact, as in claim 2, wherein the oblique

section of the magnetic field generating component corresponds with the supporting oblique section of ~~he~~ the conductive component and the ~~mutual~~ combination of the magnetic field generating component and the conductive component forms a symmetric mean equal division structure.

Claim 8 (currently amended): The integrated contact, as in claim 1, wherein the magnetic field generating component is a multi-layer cylinder ~~combined~~ structure comprising cylindrical-shape layers with different diameters arranged substantially parallel with an axial direction of the cylindrical body, the multi-layer cylinder structure has ~~having~~ at least one layer of magnetic material with insulation between every two layers, ~~wherein~~ and at least one layer is a soft magnetic material layer, and wherein the conductive component is a multi-layer cylinder ~~combined~~ structure comprising cylindrical-shape layers with different diameters arranged substantially parallel with an axial direction of the cylindrical body, ~~wherein~~ an inner cylinder body is located at a center of the multi-layer cylinder structure of the conductive component and ~~the cylinder body is~~ configured for insertion into ~~a~~ the through hole in the magnetic field generating component.

Claim 9-1 1 (canceled)

Claim 12 (currently amended): The integrated contact, as in claim ~~5~~ 8, wherein the multi-layer cylinder structure of the magnetic field generating component and the multi-layer cylinder structure of the conductive component have the same number of layers.

Claim 13-14 (canceled)

Claim 15 (currently amended): The integrated contact, as in claim ~~7~~ 2, wherein the magnetic field generating component is a multi-layer cylinder structure comprising cylindrical-shape layers with different diameters arranged substantially parallel with an axial direction of the cylindrical body, the multi-layer cylinder structure has at least one layer of magnetic material with insulation between every two layers, and at least one layer is a soft magnetic material layer, and wherein the conductive component is a multi-layer cylinder structure comprising cylindrical-shape layers with different diameters arranged substantially parallel with an axial direction of the cylindrical body, an inner cylinder body is located at a center of the multi-layer cylinder structure of the conductive component and configured for insertion into the through hole in the magnetic field generating component, wherein ~~the~~ a number of the cylindrical-shape layers of the multi-layer cylinder structure of the magnetic field generating component is equal to ~~the~~ a number of

~~the cylindrical-shape~~ layers ~~of the multi-layer cylinder structure~~ of the conductive component.

Claim 16-18 (canceled)

Claim 19 (currently amended): The integrated contact, as in claim ~~3~~ 1, wherein the magnetic field generating component is a layer shaped body having at least one layer, and the conductive component is a layer shaped body having at least one layer and the magnetic field generating component is set on the conductive component or sandwiched between ~~two layers of~~ the conductive component ~~or piled layer by layer after mutually combining with the conductive component, the combined shape is coordinated with an inner wall shape of the container and from the bottom to the top of the container, each layer area of the conductive component is gradually decreased, and a corresponding layer area of the magnetic field generating component is gradually increased~~.

Claim 20-22 (canceled)

Claim 23 (previously presented): The integrated contact, as in claim 2, wherein the container is a cup-like body made from rustless steel, whose melting point is above eleven hundred (1100) degrees Centigrade.

Claim 24 (previously presented): The integrated contact, as in claim 1, wherein the arc proof component is a mixture of copper powder and chromium powder and the ratio of the copper powder and the chromium powder is varied from 10:90 to 90:10.

Claim 25-28 (canceled)

Claim 29 (previously presented): The integrated contact, as in claim 1, wherein the arc proof component is made from a sheet or a block of copper chromium alloy.

Claim 30-31 (canceled)

Claim 32 (previously presented): The integrated contact, as in claim 1, wherein the conductive component is made of copper and a material state of the conductive component is selected from the group consisting of powder, sheet, board, bar, tube and block.

Claim 33-35 (canceled)

Claim 36 (currently amended): The integrated contact, as in claim ~~35~~ 8, wherein the soft magnetic material is electrical iron and the state of the soft magnetic material is selected form the group consisting of powder, sheet, board, bar, tube, and block.

Claim 37 (canceled)

Claim 38 (new): The integrated contact, as in claim 1, wherein the cylindrical body of the

magnetic field generating component and the conductive component comprises a plurality of layers stacked over each other along an axial direction of the cylindrical body, each layer has a disc shape with a diameter slightly smaller than a diameter of the cylindrical inner sidewall of the container, each layer contains a portion of the magnetic field generating component and a portion of the conductive component and, from the bottom to the top of the container, an area occupied by the conductive component in each layer gradually decreases, and an area occupied by the magnetic field generating component in each layer gradually increases.

Claim 39 (new): The integrated contact, as in claim 1, wherein a diameter of the cylindrical body of the magnetic field generating component and the conductive component is slightly smaller than a diameter of the cylindrical inner sidewall of the container, so that the cylindrical body is well fitted with the cylindrical inner sidewall.

Claim 40 (new): The integrated contact, as in claim 8, wherein the multi-layer cylinder structure of the magnetic field generating component and the multi-layer cylinder structure of the conductive component have different number of layers.